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Chief, Materials Division

10 June 1958

Chief, Chemicals Branch

OSI (FSD) Research Program for FY 1959

M/CH has some interest in the following FSD projects for FY 1959. All except two of these projects (6-212 and 6-217) are to be done by an external contractor. We would appreciate the opportunity to review and comment on the terms of reference for the external projects before they are submitted to the contractor.

Project No. 6-35 - Significance of Soviet Basic Research in Acetylene Chemistry - M/CH is interested in the synthesis aspects of acetylene chemistry and in future trends in methods for production of organic chemicals. Possible use of acetylene chemicals as GM fuels is also of interest.

Project No. 6-204 - Soviet Research in Selected Mass Transfer Operations - M/CH is interested in solvent extraction of uranium salts. This project could assist in clarifying questions concerning Soviet technology and in identifying particular solvents that might be used.

Project No. 6-206 - Soviet Research in Chemical Kinetics - M/CH is interested in the GM fuel aspects of this study.

M/CH also has a general interest in the subject matter of the following projects:

Project No. 6-211 - Soviet Research in High Temperature Polymers
6-212 - " " " Hydrogen
6-213 - " " " Ion-Exchange Resin Chemistry
6-214 - " " " Isotope Separations

Project No. 6-217 - Soviet Research in Rare Earths - Separation and Utilization - M/CH has an interest in the possible application of certain rare earth compounds in nuclear technology.

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